

FIG. 1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |

FIG. 2

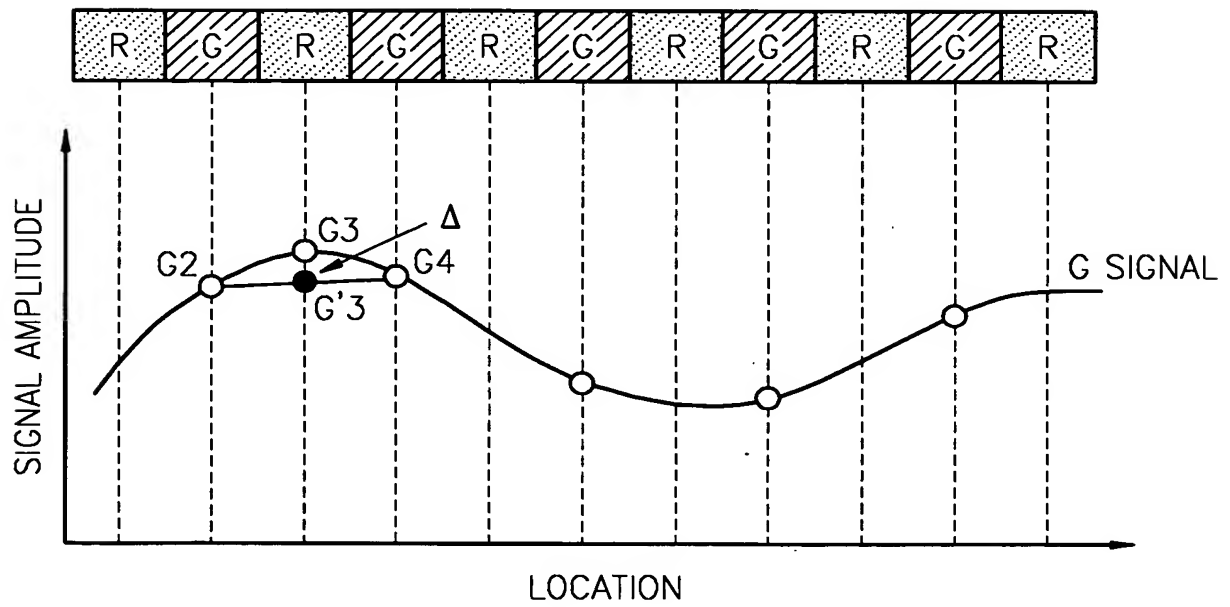


FIG. 3

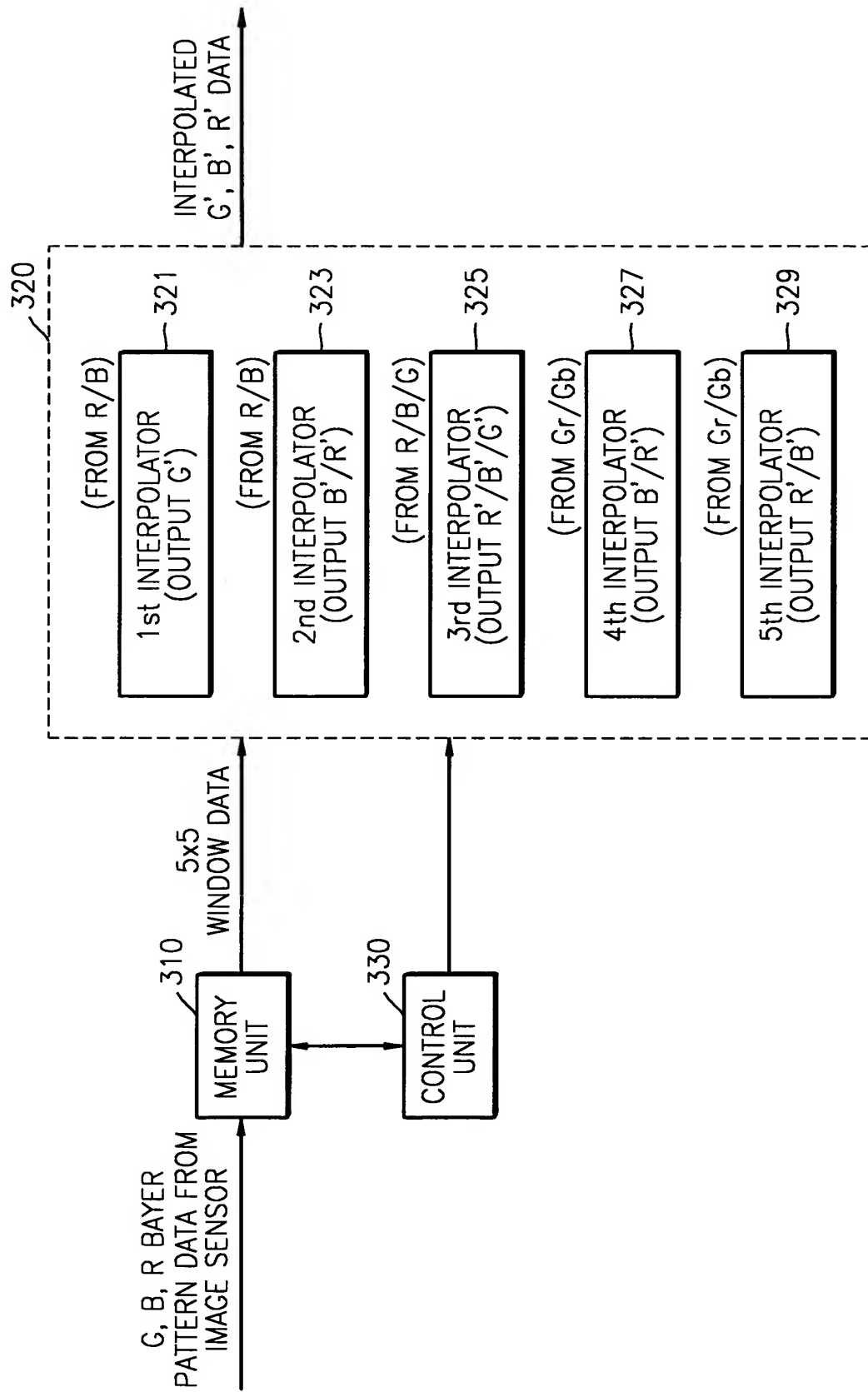


FIG. 4

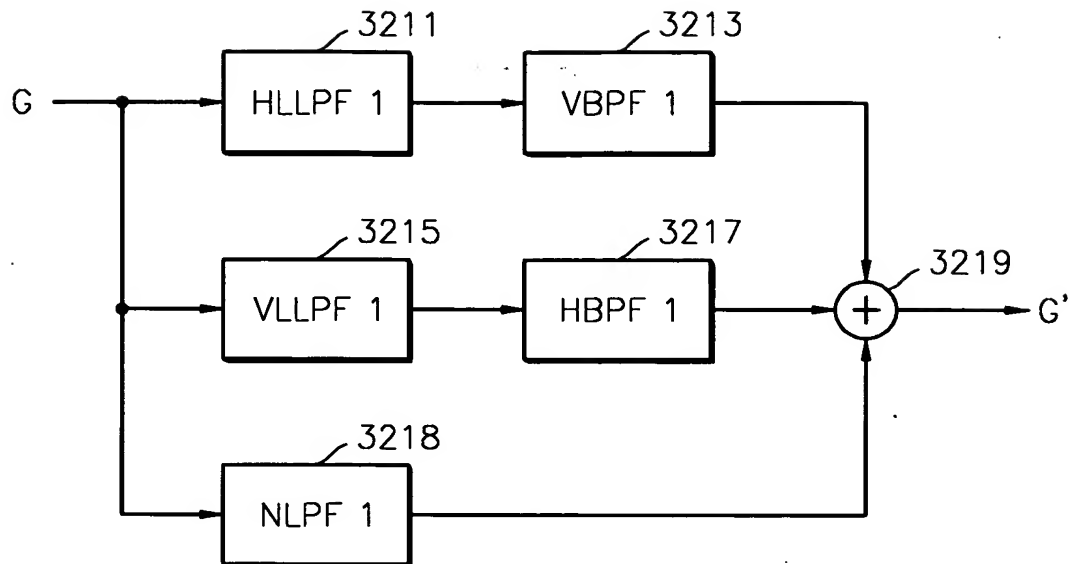


FIG. 5

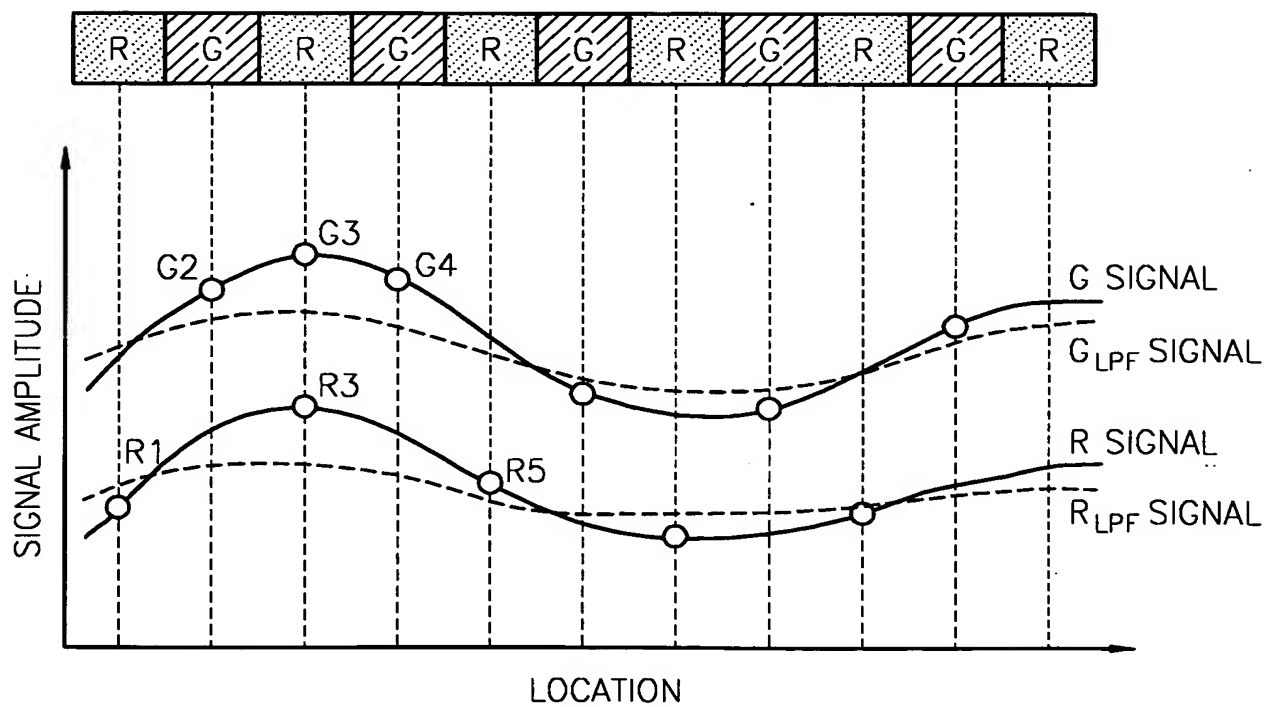


FIG. 6

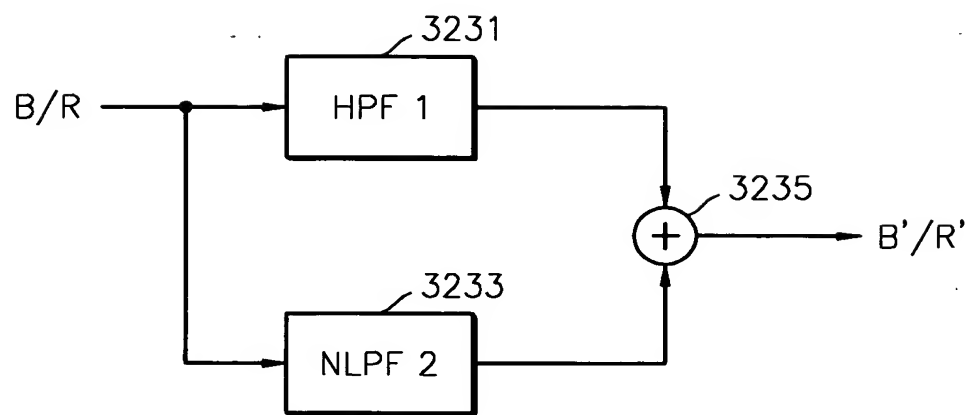


FIG. 7

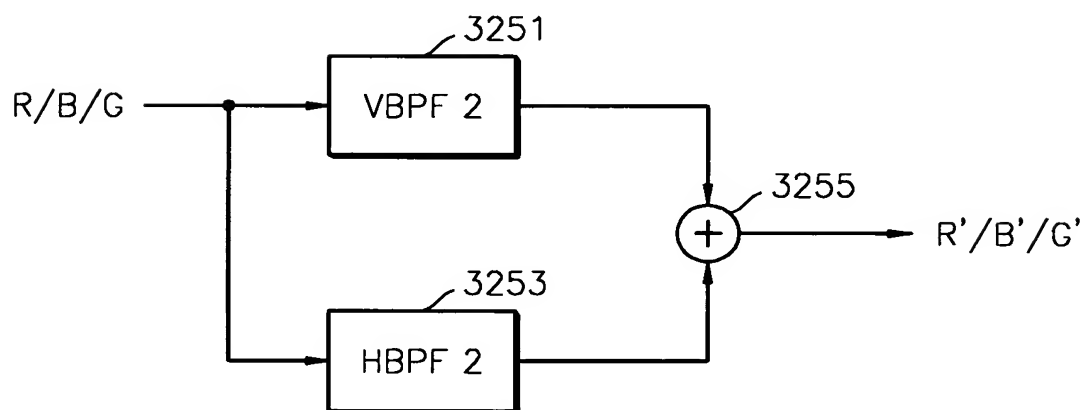


FIG. 8

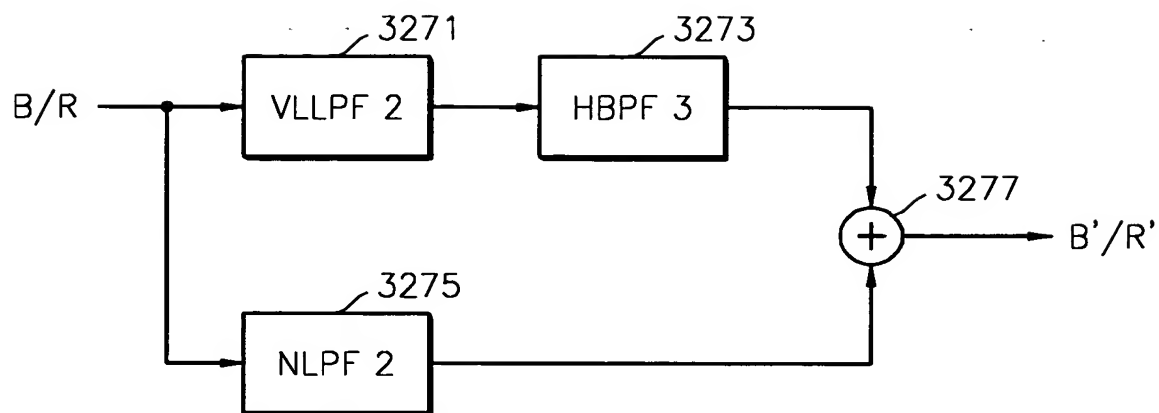


FIG. 9

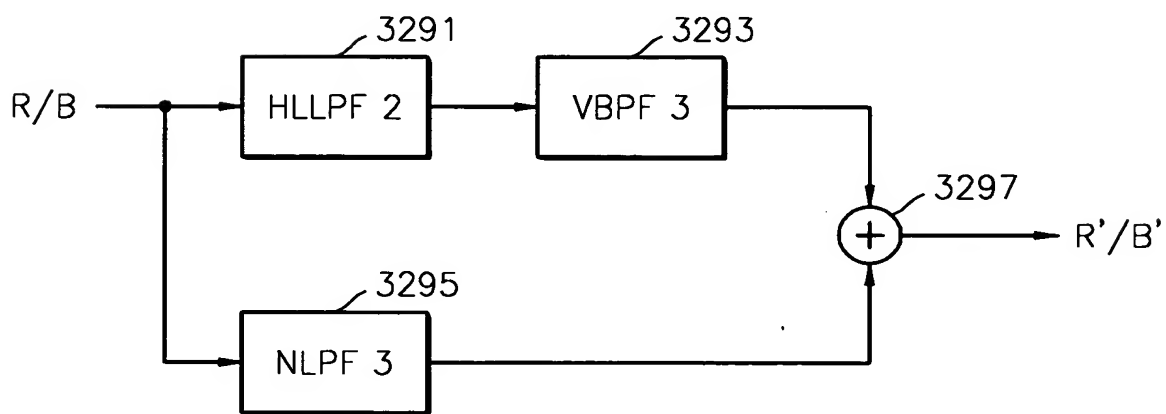


FIG. 10

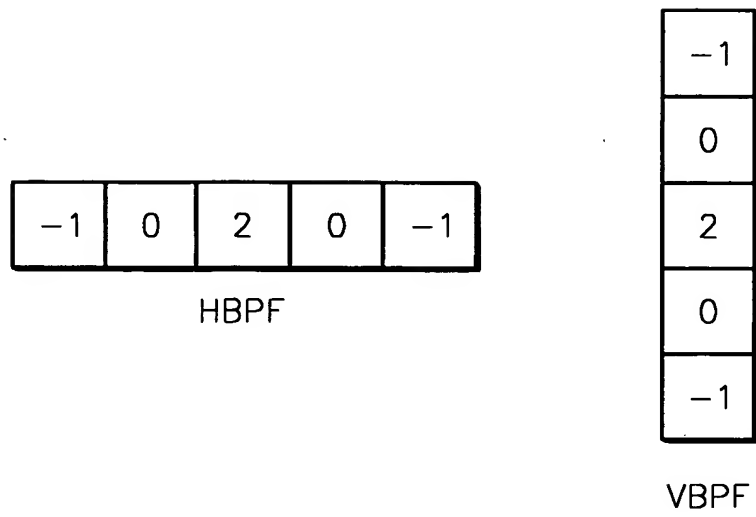


FIG. 11

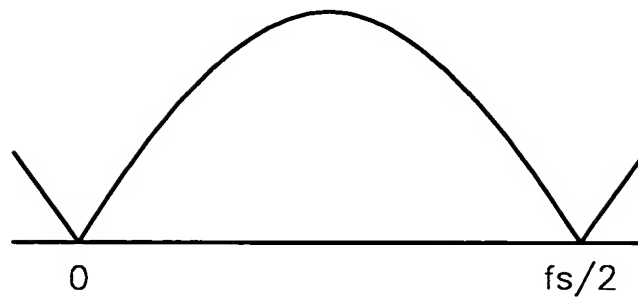


FIG. 12

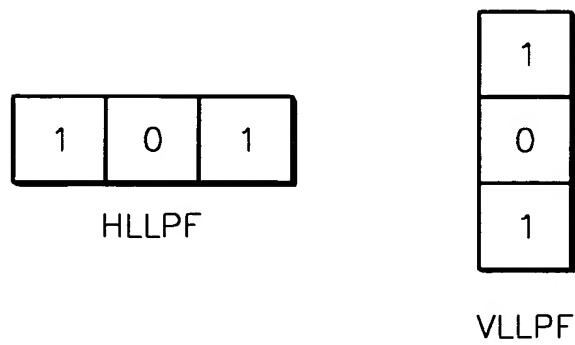


FIG. 13

| | | |
|----|---|----|
| -1 | 0 | -1 |
| 0 | 4 | 0 |
| -1 | 0 | -1 |

HPF

FIG. 14

| | | | | |
|---------------|---------------|-------------|---------------|---------------|
| $C_{y-2,x-2}$ | $C_{y-2,x-1}$ | $C_{y-2,x}$ | $C_{y-2,x+1}$ | $C_{y-2,x+2}$ |
| $C_{y-1,x-2}$ | $C_{y-1,x-1}$ | $C_{y-1,x}$ | $C_{y-1,x+1}$ | $C_{y-1,x+2}$ |
| $C_{y,x-2}$ | $C_{y,x-1}$ | $C_{y,x}$ | $C_{y,x+1}$ | $C_{y,x+2}$ |
| $C_{y+1,x-2}$ | $C_{y+1,x-1}$ | $C_{y+1,x}$ | $C_{y+1,x+1}$ | $C_{y+1,x+2}$ |
| $C_{y+2,x-2}$ | $C_{y+2,x-1}$ | $C_{y+2,x}$ | $C_{y+2,x+1}$ | $C_{y+2,x+2}$ |